



1. PRODUCT NAME

BALANCE COLLECTION

TECHNICAL DATA SHEET

2. MANUFACTURER

Stonepeak Ceramics, Inc.
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3. PRODUCT DESCRIPTION

Balance collection – porcelain surfaces produced in the USA. The Balance collection is produced with color-body technology, showing the predominant pigment/graphic on the surface with a solid color inside. Available in two colors: Vintage Amber and Vintage Ivory. Offered in Matte finish, in size of 24"x24". Ideal for floor and wall applications and suitable for both residential and commercial settings.

Recommended Applications:

Ideally suited for commercial and residential floors and walls.

Finishes/Textures:

- Colored Body
- Rectified
- Matte/Honed

Sizes/Thickness:

24" x 24" x 5/16" nominal *(8 mm)

**Denotes work size per ISO 10545-2.*

Recommended Grout Joint: 3/32" or greater.

Grout joints of 1/8" inch or less, especially with larger format tiles or running bond patterns, may require floor flatness values in excess of the 1/4" in 10' (or 1/16" in 1.0') standard required by ANSI.

For patterns with running bond/brick joints, Stonepeak recommends a maximum of 33% offset.

4. TECHNICAL DATA

Physical – Visual Properties	ASTM TEST	Industry Standard	Stonepeak Results ⁽¹⁾
Water absorption	C 373 - 18	Impervious <0.5 %	≤0.5 %
Thickness Dimension	C 499 - 20	Range ± 0.04 Inc. Max.	± ± 0.04 Inc.
Facial Dimension	C 499 - 20	± 0.25 %	± ± 0.25 %
Warpage average diagonal	C 485 - 16	± 0.40 %	± ± 0.40 %
Warpage average edge	C 485 - 16	± 0.40 %	± ± 0.40 %
Wedging	C 502 - 16	± 0.25 %	± ± 0.25 %
Bond Strength	C 482 - 20	≥ 50 psi	≥ 50 psi
Breaking Strength	C 648 - 20	≥ 250 lbf	≥ 250 lbf
Hardness (Mohs)	C 1895	Range 0 - 10	≥ 7
Viable Abrasion Resistance for Glaze tiles	C 1027 - 19	No Requirement	Provided on request ⁽³⁾
Deep Abrasion	C 1243 - 93 (2015)	< 175 mm ³	Provided on request ⁽⁴⁾
Frost Resistance	C 1026 - 13 (2018)	No sample must show alterations to surface	No evidence of Damage
Chemical Resistance	C 650 - 20	No Requirement, Range A / E	Class A (Not Affected)
Stain Resistance	C 1378 - 20	No Requirement, Range A / E	Class A
DCOF	ANSI A 326.3	≥ 0.42	≥ 0.42 ⁽²⁾
Aesthetic Classification	Visual Evaluation Shade & Texture	No Requirement, Range V1 / V4	V2

- 1) All values given are for Matte/Honed finish. Values for different finishes are available upon request.
- 2) DCOF results referring to matte and/or textured products are performed with the WET test, while for polished and silky the DCOF test is performed dry.
- 3) Glazed tiles.

5. INSTALLATION

Surface preparations:

All installation work using Stonepeak Ceramics' tiles will conform to the standards set forth in the latest version of ANSI A108/118 and/or the TCNA Handbook for Ceramic Tile installations.

All substrates should be between 40 degrees F and 90 degrees F and structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or curing compounds as per ANSI A108.01.

Deflection:

Substrate must conform to all state and local building code requirements and ANSI A108.01 for maximum allowable substrate deflection

Movement joints:

Movement joints shall be provided throughout the tile and work will conform to ANSI Specification A108.01-3.7; A108.02 – 4.4.and TCNA Details EJ171.

Installation or setting materials:

Setting materials used will conform to the ANSI 118.4 standard or greater and be recommended by the selected manufacturer for the installation & setting materials for ceramic or porcelain tile based on the application requirements.

6. WARRANTY

Stonepeak Ceramics guarantees that its products will be free of manufacturing defects and they will meet or exceed the performance specifications set forth in ANSI 137.1.

For further information and details please contact your nearest Stonepeak Ceramics Distributor for a written copy of the warranty information.

7. MAINTENANCE

Care and Maintenance Recommendations Guide.

Please refer to **Stonepeak Ceramics Care and Maintenance Recommendations Guide** for all technical information as to the care of this collection.

8. TECHNICAL SERVICES

Technical Assistance

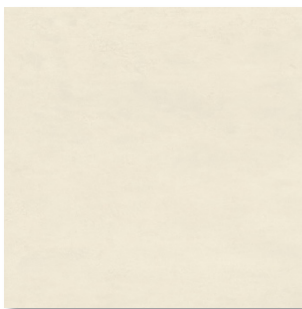
Guide Specifications, literature, SDS, tile samples, details and installation procedures are all available for your use or libraries.

Please contact your nearest Stonepeak representative for catalogues or physical samples.

Continued Education Programs are available – 1- or 2-hour **HSW Learning Units** – contact Stonepeak Ceramics' main office to set up a presentation.

9. FILING SYSTEMS

Balance Collection – Made in the USA.



Vintage Ivory



Vintage Umber

10. ENVIRONMENTAL CERTIFICATIONS

Stonepeak proudly contain factory and product certifications:



11. RECYCLED CONTENT

Products certified by Bureau Veritas. Please ask to see certifications.